

240
Gln Lys Gln Gly Cys Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser
65 70 75 80

cac cag agt cag gac aag aag att cac gtg tac ggc tat tcc atg gcc
288

His Gln Ser Gln Asp Lys Lys Ile His Val Tyr Gly Tyr Ser Met Ala
85 90 95

tat ggt cct gcc cag cac gcc att tca act gag aaa atc aaa gcc aag
336

Tyr Gly Pro Ala Gln His Ala Ile Ser Thr Glu Lys Ile Lys Ala Lys
100 105 110

tac ccc gac tac gag gtc acc tgg gct aac gac ggc tac
375

Tyr Pro Asp Tyr Glu Val Thr Trp Ala Asn Asp Gly Tyr
115 120 125

<210> 2

<211> 125

<212> PRT

<213> Homo sapiens

<400> 2

Met Ala Val Ala Asp Leu Ala Leu Ile Pro Asp Val Asp Ile Asp Ser
1 5 10 15

Asp Gly Val Phe Lys Tyr Val Leu Ile Arg Val His Ser Ala Pro Arg
20 25 30

Ser Gly Ala Pro Ala Ala Glu Ser Lys Glu Ile Val Arg Gly Tyr Lys
35 40 45

Trp Ala Glu Tyr His Ala Asp Ile Tyr Asp Lys Val Ser Gly Asp Met
50 55 60

Gln Lys Gln Gly Cys Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser
65 70 75 80

His Gln Ser Gln Asp Lys Lys Ile His Val Tyr Gly Tyr Ser Met Ala
85 90 95

Tyr Gly Pro Ala Gln His Ala Ile Ser Thr Glu Lys Ile Lys Ala Lys
100 105 110

Tyr Pro Asp Tyr Glu Val Thr Trp Ala Asn Asp Gly Tyr

115

120

125

<210> 3
 <211> 16
 <212> PRT
 <213> mammalian

<220>
 <221> PEPTIDE
 <222> (1)..(16)
 <223> conserved mammalian sequence

<400> 3

Asp	Cys	Glu	Cys	Leu	Gly	Gly	Gly	Arg	Ile	Ser	His	Gln	Ser	Gln	Asp
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<210> 4
 <211> 33
 <212> PRT
 <213> mammalian

<220>
 <221> PEPTIDE
 <222> (1)..(33)
 <223> conserved mammalian sequence 2

<220>
 <221> SITE
 <222> (17)
 <223> X = K or R

<220>
 <221> SITE
 <222> (27)
 <223> X = A or G

<220>
 <221> SITE
 <222> (30)
 <223> X = P or R

<400> 4

Asp	Cys	Glu	Cys	Leu	Gly	Gly	Gly	Arg	Ile	Ser	His	Gln	Ser	Gln	Asp
1				5					10					15	

Xaa Lys Ile His Val Tyr Gly Tyr Ser Met Xaa Tyr Gly Xaa Ala Gln

20

25

30

His

<210> 5
 <211> 44
 <212> PRT
 <213> mammalian

<220>
 <221> PEPTIDE
 <222> (1)..(44)
 <223> conserved mammalian sequence 3

<400> 5
 Tyr His Ala Asp Ile Tyr Asp Lys Val Ser Gly Asp Met Gln Lys Gln
 1 5 10 15

Gly Cys Asp Cys Glu Cys Leu Gly Gly Gly Arg Ile Ser His Gln Ser
 20 25 30

Gln Asp Lys Lys Ile His Val Tyr Gly Tyr Ser Met
 35 40

<210> 6
 <211> 124
 <212> PRT
 <213> rabbit

<220>
 <221> PEPTIDE
 <222> (1)..(124)
 <223> rabbit histidine protein phosphatase

<400> 6
 Ala Ala Ala Gly Leu Ala Gln Ile Pro Asp Val Asp Ile Asp Ser Asp
 1 5 10 15

Gly Val Phe Lys Tyr Val Leu Ile Arg Val His Ala Ala Pro Pro Ser
 20 25 30

Glu Ala Pro Gly Gly Glu Ser Lys Asp Ile Val Arg Gly Tyr Lys Trp
 35 40 45

Ala Glu Tyr His Ala Asp Ile Tyr Asp Lys Val Ser Gly Glu Leu Gln